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JUN 23 1958
WEATHER BUREAU

AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

FEBRUARY 1958

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METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	69.4	67.3	67.0	67.9	12.0	8.2	8.3	11.8	10.3	10.1
2	65.8	65.4	66.8	66.0	14.0	8.9	11.0	12.7	10.6	11.4
3	68.2	67.3	67.4	67.6	13.5	8.7	10.4	13.0	10.4	11.3
4	66.8	65.1	64.8	65.6	14.6	10.5	10.6	14.0	11.6	12.1
5	62.5	63.1	64.7	63.4	14.2	10.0	13.4	13.8	12.5	13.2
6	66.0	66.1	67.3	66.5	15.3	10.6	11.7	14.5	12.0	12.7
7	68.1	67.5	67.7	67.8	16.7	11.6	12.8	16.1	13.0	14.0
8	67.5	66.7	67.5	67.2	16.2	11.7	13.6	16.2	13.5	14.4
9	67.1	65.1	65.5	65.9	16 7	12.0	14.0	16.5	14.1	14.9
10	64.4	62.2	62.4	63.0	17.3	13.5	14.0	17.1	15.1	15.4
11	63.2	62.7	63.3	63.1	19.6	14.0	15.6	18.0	15.0	16.2
12	64.4	64.5	65.7	64.9	19.6	14.0	16.0	18.4	15.6	16.7
13	67.1	66.6	68.1	67.3	19.0	13.1	15.8	18.7	15.5	16.7
14	68.9	68.0	68.5	68.5	18.3	12.6	14.7	18.0	15.0	15.9
15	68.6	67.7	67.8	68.0	17.5	12.1	14.5	17.1	15.4	15.7
16	68.2	67.1	67.6	67.6	17.9	13.1	14.6	17.5	14.1	15.4
17	67.3	67.1	67.9	67.4	18.2	12.4	15.0	17.6	14.5	15.7
18	67.9	66.4	64.9	66.4	18.1	13.9	14.3	17.8	15.8	16.0
19	63.8	63.1	63.3	63.4	19.8	14.2	15.8	19.4	15.6	16.9
20	63.1	62.1	61.2	62.1	18.2	13.9	15.7	17.8	15.3	16.3
21	58.2	57.6	59.9	58.6	22.0	14.0	18.0	19.5	15.8	17.8
22	61.5	61.2	62.2	61.6	17.0	11.0	14.7	15.0	12.0	13.9
23	64.5	64.0	64.9	64.5	17.4	12.6	14.0	16.5	13.6	14.7
24	65.8	65.9	66.4	66.0	16.7	12.9	15.2	15.0	15.5	15.2
25	67.2	66.7	67.2	67.0	18.2	12.5	15.6	18.0	15.4	16.3
26	64.7	63.3	62.9	63.6	17.8	14.6	14.7	17.6	15.9	16.1
27	62.3	62.2	61.9	62.1	22.0	16.1	16.5	21.7	16.6	18.3
28	60.1	59.4	59.0	59.5	25.3	18.2	21.1	23.9	20.2	21.7
29										
30										
31										
	65.45	64.69	65.13	65.09	17.61	12.53	14.34	16.90	14.28	15.18

Barometer, range for month 769.4 mm. — 757.6 mm.
„ 71-yr. average for month 761.982 mm.
Thermometer, range for month 25.3°C — 8.2°C
„ 71-yr. average for month 14.29°C
Rain total for month 24.35 mm.
„ 71-yr average for month 157.75 mm.
„ Total, Sept. 1st. to end of month 795.95 mm.
„ 71-yr average. Sept. 1st. to end of month 722.30 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	5.7	7.0	7.5	6.7	51	52	61	55	9.5	280	
2	7.1	8.8	9.4	8.4	54	60	73	62	0.4	270	
3	8.0	8.3	8.2	8.2	63	56	65	61	9.3	259	
4	6.4	9.1	8.2	7.9	50	57	60	56	7.2	348	
5	11.4	8.9	7.8	9.4	72	57	55	61	7.6	501	4.80
6	8.5	9.0	9.2	8.9	61	54	65	60	6.1	267	
7	8.8	9.5	10.0	9.4	60	52	66	59	9.9	216	
8	10.2	11.7	11.1	11.0	65	63	72	67	8.7	169	
9	8.3	12.2	9.8	10.1	53	66	61	60	9.4	127	
10	11.2	12.5	9.1	10.9	70	63	54	62	10.1	222	
11	11.4	12.7	11.6	11.9	65	62	69	65	9.5	153	
12	12.2	14.3	13.0	13.2	67	67	74	69	7.1	111	
13	13.8	16.1	14.7	14.9	77	76	84	79	8.8	130	
14	10.7	13.1	13.3	12.4	64	64	79	69	10.1	98	
15	11.2	11.8	11.7	11.6	68	60	66	65	10.2	220	
16	10.9	14.1	11.7	12.2	66	70	72	69	10.2	404	
17	12.3	14.2	13.0	13.2	72	71	79	74	7.3	349	
18	10.9	13.6	14.8	13.1	67	67	83	72	10.4	483	
19	14.8	15.5	13.2	14.5	83	68	74	75	8.7	290	
20	14.7	15.9	15.0	15.2	83	78	87	83	5.0	159	
21	7.6	13.0	11.3	10.6	36	57	63	52	3.2	655	0.35
22	9.4	9.9	11.4	10.2	56	58	81	65	3.9	459	6.70
23	11.7	10.3	12.0	11.3	72	55	78	68	7.4	484	2.15
24	11.5	15.1	13.8	13.5	66	89	79	78	2.5	571	10.35
25	12.2	14.4	13.0	13.2	69	67	74	70	10.2	246	
26	12.7	13.8	14.6	13.7	76	69	81	75	6.7	267	
27	11.2	9.7	13.9	11.6	59	36	74	56	10.2	269	
28	8.7	13.3	11.0	11.0	35	45	46	42	7.7	237	
29											
30											
31											
	10.48	12.06	11.54	11.36	63.6	61.7	70.5	65.3	7.76	294.43	0.87

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20:30 for the preceding 24 hours.
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	7ci	6ci	10cu-st	7.7	2s	2n	1n	light	
2	10st	10st	10cu-st	10.0	2s	2ne	2se	,,	Tr.p.m
3	6cu-st	1cu-st	8cu-st	5.0	2e	2nw	2nw	,,	
4	9st	8st	6cu-ts	7.7	2s	2w	2sw	,,	
5	8cu-st	1cu	9cu-st	6.0	3n	3n	2sw	,,	
6	10st	3st	7cu-st	6.7	1e	1w	2w	light	
7	0	1cu-st	3ci-st	1.3	1s	2sw	1w	,,	
8	10ci	6ci-st	4ci-st	6.7	1se	2nw	2nw	,,	
9	2ci	10ci	4ci	5.3	2s	2w	2s	,,	
10	0	0	3ci	1.0	1nw	2n	2se	,,	D.a.m
11	3ci-st	7ci-st	5ci	5.0	2sw	2w	1n	light	D.a.m
12	9cu-st	10st	8ci-st	9.0	1sw	1sw	2sw	,,	D.a.m.tr.p.m
13	8st-ci	6cu-st	3ci-st	5.7	1sw	1n	1n	,,	D.a.m.p.m
14	0	0	3ci	1.0	1e	2ne	2ne	,,	D.a.m.p.m
15	0	5ci	3ci	2.7	Ie	1n	1n	,,	D.a.m
16	1ci-st	5cu-st	1ci	2.3	2sw	3sw	1sw	light	D.a.m
17	10cu-st	5cu-st	4ci	6.3	2sw	3sw	2sw	,,	D.p.m
18	0	0	4ci	1.3	1e	2n	4ne	,,	D.a.m.p.m
19	8cu-ci	4cu-ci	0	4.0	2sw	2ne	1ne	,,	D.a m
20	9ci	10st	5ci-st	8.0	1sw	1w	1w	,,	D.h.a.m.p.m
21	9st-ci	10st	10st	9.7	3sw	4sw	4sw	light	
22	10cu-st	10st	10ci-st	10.0	2sw	3sw	2sw	,,	
23	5cu-st	4cu-st	10ni	6.3	2sw	3sw	2sw	,,	
24	10st	10st	9cu-st	9.7	3sw	3sw	3sw	,,	
25	6cu-st	0	10st	5.3	2sw	2n	2sw	,,	
26	10ci	10ci	10st	10.0	1e	2ne	3ne	light	D.a.m
27	6ci	3ci	3ci	4.0	1se	1n	2n	,,	D.a.m.p.m
28	10st-ci	0	7ci	5.7	1e	1sw	1se	,,	
29									
30									
31									
	mean			5.84					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	7	2	5	12	0	1	0	28
14:30	8	4	0	0	0	9	5	2	0	28
20:30	5	4	0	3	1	10	3	2	0	28
Total	14	8	7	5	6	31	8	5	0	84

Number of days with rain 5, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 13.9
Time of reading minus 2 hours equals G.C.T